

REMARKS

Applicants wish to thank the Examiner for pointing out the region for the sequence identifier recited in claim 7. Applicant respectfully requests entry of amendments to claims 1, 7, 8, 10, 17, and 20, cancellation of claim 19, and withdrawal of claims 9, 12, and 21, without prejudice or disclaimer.

Support for the amendments can be found throughout the specification, including p. 15, paragraph [0046], and the originally filed claims and, therefore, do not add new matter.

Applicant submits that pending claims 1-8, 10, 11, 13-18, and 20 are in condition for allowance, and respectfully requests that the claims as amended be entered.

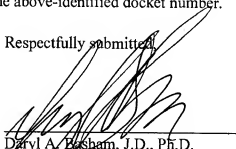
Conclusion

Applicant submits that pending claims 1-8, 10, 11, 13-18, and 20 are in condition for allowance. The Examiner is invited to contact Applicant's undersigned representative if there are any questions relating to this submission.

No fee is deemed necessary with the filing of this paper. However, the Commissioner is hereby authorized to charge any fees required by this submission, or credit any overpayments, to Deposit Account No. 07-1896 referencing the above-identified docket number.

Respectfully submitted,

Date: November 5, 2007



Daryl A. Busham, J.D., Ph.D.
Registration No. 45,869
Telephone: (858) 677-1429
Facsimile: (858) 677-1465

DLA Piper US LLP
4365 Executive Drive, Suite 1100
San Diego, California 92121-2133
USPTO Customer Number 28213